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SEP 1988

CERCLIS EXECUTIVE SUMMARY

EPA ID# 087032207

OFF-SITE RECONNAISSANCE

Pre-Remediation  
X YES NO

Original Company Name: Sanyo

EPA Region 5 Records Ctr.

Revised Company Name:



348905

Alias Names: AVCO, Crosley, D & M, Absocold

Address 1767 Sheridan Street

Richmond, Indiana 47374

Wayne

County 177

County Code 10

Cong. Dist.

Coordinates:

39 51' 30"

Latitude

84 54' 33"

Longitude

Richmond Quadrangle

X Landfill Generator Treatment, Storage, Disposal (TSD)  
Transporter Other:

PRIORITY ASSESSMENT: X HIGH MEDIUM NO FURTHER ACTION (NONE)

CLASS:

X I-STATE LEAD II-REM/FIT LEAD III-REM/FIT LEAD IV OTHER  
State Accompanies Limited On-Site  
FIT State Involvement

Priority Justification and State Comments Regarding:

X PA SSI Listing LSI RPS HRS

This facility has been open since before 1935. Aerial photographs indicate the north and east part of the property has been filled as late as 1971-1972. Ash was allegedly being dumped over the hillside in February, 1988.

Contamination of Springwood Lake and around water may be occurring partially due to this facility.

The State recommends a high priority site inspection to include soil borings (sample), groundwater and sediment sampling.

STATE INVOLVEMENT

C Preliminary Assessments C Screening Site Inspection C Listing Site Insp.  
R Responsible Party Search C Hazard Ranking System (HRS)

\* COMPLETE DOCUMENTS (C) REVIEW DOCUMENTS (R)

Prepared by: Mary Anne Hunter Phone: (317) 232-8927 Date: 5/9/88  
Activity Time: 38 Hours



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 98732207

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) Sanyo		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 1767 Sheridan Street			
03 CITY Richmond	04 STATE IN	05 ZIP CODE 47374	06 COUNTY	07 COUNTY CODE 177	08 CONG DIST 10
09 COORDINATES LATITUDE 39° 51' 30" N		LONGITUDE 084° 54' 33" N		Richmond Quadrangle	
10 DIRECTIONS TO SITE (Starting from nearest public road) US 40 East to NW 9th, Turn North, go approx. 2 miles, turn East on Sheridan Road, plant is on NE corner of NW 9th and Sheridan Road.					

III. RESPONSIBLE PARTIES

01 OWNER (If known) Sanyo		02 STREET (Business, mailing, residential) 1767 Sheridan Street			
03 CITY Richmond	04 STATE IN	05 ZIP CODE 47374	06 TELEPHONE NUMBER (317) 962-1130	Randy Kincaid	
07 OPERATOR (If known and different from owner) Same as above		08 STREET (Business, mailing, residential)			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER ( )		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE					

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE ____/____/____ MONTH DAY YEAR <input checked="" type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION prior to 1935 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED Heavy metals (toxic, persistent) Sludge (toxic, persistent) Organics (toxic, persistent) Solvents (volatile, ignitable) Acids (toxic, corrosive)					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION Groundwater (population, environment) Surface water (population, environment) Direct contact (population)					

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents) <input checked="" type="checkbox"/> A. HIGH (inspection required promptly) <input type="checkbox"/> B. MEDIUM (inspection required) <input type="checkbox"/> C. LOW (inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
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VI. INFORMATION AVAILABLE FROM

01 CONTACT Harry Atkinson		02 OF (Agency/Organization) IDEM/SHWM		03 TELEPHONE NUMBER (317) 232-8927	
04 PERSON RESPONSIBLE FOR ASSESSMENT Mary Anne Hunter		05 AGENCY IDEM	06 ORGANIZATION SHWM	07 TELEPHONE NUMBER (317) 232-8928	08 DATE 05/09/88 MONTH DAY YEAR



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 2 - WASTE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 087032207

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply) <input checked="" type="checkbox"/> A SOLID <input type="checkbox"/> B POWDER, FINES <input checked="" type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER (Specify) _____ <input type="checkbox"/> E SLURRY <input checked="" type="checkbox"/> F LIQUID <input type="checkbox"/> G GAS	02 WASTE QUANTITY AT SITE (Measures of waste quantities must be independent) TONS _____ CUBIC YARDS _____ NO. OF DRUMS <u>unknown</u>	03 WASTE CHARACTERISTICS (Check all that apply) <input checked="" type="checkbox"/> A TOXIC <input checked="" type="checkbox"/> B CORROSIVE <input type="checkbox"/> C RADIOACTIVE <input checked="" type="checkbox"/> D PERSISTENT <input type="checkbox"/> E SOLUBLE <input type="checkbox"/> F INFECTIOUS <input checked="" type="checkbox"/> G FLAMMABLE <input checked="" type="checkbox"/> H IGNITABLE <input checked="" type="checkbox"/> I HIGHLY VOLATILE <input checked="" type="checkbox"/> J EXPLOSIVE <input checked="" type="checkbox"/> K REACTIVE <input checked="" type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT APPLICABLE
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III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE			vinyl coating/Nickel plating wastewater treatment/phosphate sludge
OLW	OILY WASTE			hydraulic oil
SOL	SOLVENTS	50,600	lbs/yr	methylen chloride, toluene
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	11,750	lbs/yr	waste paint
IOC	INORGANIC CHEMICALS			Nickel plating, etching
ACD	ACIDS			Iron & Zinc phosphate rinse
BAS	BASES			
MES	HEAVY METALS			

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
MES	Zinc	7440-66-6	Possibly buried	unknown	
MES	Chromium	7440-47-3	" "	"	
MES	Nickle	7440-02-0	" "	"	
IOC	Pickle liquer		" "	"	
ORG	Liquid PVC	75-01-4	" "	"	
SOL	Methulene chloride	75-09-2	" "	"	
SOL	Toluene	108-88-3	" "	"	
ORG	Hudraulic oil		" "	"	
ACD	Sulfuric acid		" "	"	

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Sanyo  
Richmond Parks Dept.  
Richmond WWTP chemist  
Wayne County Health Dept.  
Springwood Lake PA

IDNR - water  
DEM files(D & M & Absocold)  
Richmond Fire Dept.  
Industrial Hygiene 317-232-1987  
See Wayne Co 3G & Dana Corp 3B files



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 087032207

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

None reported.

01 ☒ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

None reported.

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

None reported.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

Water ran off from behind to parking lot. Charlie of the Fire Dept. said it smelled bad. Most problems probably started with Avco.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

See M. Discharges to Brown Ditch, Springwood Lake, migration of wastes thru groundwater and surface water run off indicate unstable containment. No containment or collection is known.

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

Most water is "non-contact". Storm water drains to sewer, ditch and lake.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☒ ALLEGED

Date of barrel burial is allegedly 1971-1972. Most dumping probably occurred prior to regulations.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Wastes may have been burned. If wastes were disposed from munitions operations, there may be an explosion hazard.

III. TOTAL POPULATION POTENTIALLY AFFECTED: > 48,800

IV. COMMENTS

Sampling of soils and discharges is needed to characterize site.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

See Part 2 VI



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IN 087032207

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: > 48,000 04 NARRATIVE DESCRIPTION

Some city wells are within 3 miles of this site. A public supply well is used at Springwood Park less than 2,000 feet east. Aerial photos indicate a large disposal area north of the building. Wastes were apparently also buried. Disposal areas may also be along the east side. See G.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: unknown 04 NARRATIVE DESCRIPTION

Sanyo has 3 outfalls. One 36" discharge pipe is believed to enter Springwood Lake directly. No spills are documented to any outfalls. Water intake for the city is upstream.

01 ☒ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: 0 04 NARRATIVE DESCRIPTION

None reported that is related to disposal.

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

No major fires. Problems, but never an explosion. Avco manufactured munitions: Grenades, small arms, gun sights, polaris missiles.

01 ☒ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: ± 2,000 04 NARRATIVE DESCRIPTION

Site appears to be fenced. Site access appears to be controlled by security. Discharges to lake may affect residents.

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 AREA POTENTIALLY AFFECTED: 10+ 04 NARRATIVE DESCRIPTION  
(Acres)

Disposal area(s) comprise at least 10 acres. The depth of fill is unknown. The water table is ≈ 20+ feet. Sampling of wastes and fill areas has not been done.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: > 48,800 04 NARRATIVE DESCRIPTION

Depth to water table is unknown but thought to be 20-30 feet. Wells are generally finished in gravel and are 21-150+. Geology of area is diverse. Depth of bedrock varies from 0-150 feet within a section and portions of sections.

01 ☒ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☒ ALLEGED  
03 WORKERS POTENTIALLY AFFECTED: ≈ 182 04 NARRATIVE DESCRIPTION

Complaints in the past have been recorded with regard to over-exposure to particulates.

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: > 48,800 04 NARRATIVE DESCRIPTION

See A, B, D, E, F, G.